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01/11/02  
JC849 U.S. PRO

Patent  
Attorney Docket: 270/070

To: Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

J1017 U.S. PRO  
10/044716  
01/11/02

**NEW APPLICATION TRANSMITTAL - UTILITY**

Sir:

Transmitted herewith for filing is a **utility** patent application:

**Inventor(s):** John Langenfeld

**Title:** BONE MORPHOGENETIC PROTEIN-2 IN THE TREATMENT AND  
DIAGNOSIS OF CANCER

**I. PAPERS ENCLOSED HEREWITH FOR FILING UNDER 37 CFR § 1.53(b):**

- 45 Page(s) of Written Description
- 52 Pages(s) of Sequence Listing
- 8 Page(s) Claims
- 1 Page(s) Abstract
- 15 Sheets of Drawings ☒ Informal ☐ Formal

**II. ADDITIONAL PAPERS ENCLOSED IN CONNECTION WITH THIS FILING:**

- ☐ Declaration
- ☐ Power of Attorney ☐ Separate ☐ Combined with Declaration
- ☐ Assignment to \_\_\_\_\_ and assignment cover sheet
- ☐ Certified Copy of Priority Document No(s):
- ☐ Information Disclosure Statement w/PTO 1449 ☐ Copy of Citations
- ☐ Preliminary Amendment
- ☐ Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35
- ☒ Return Postcard

**III. PRIORITY**

- ☐ Priority of application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. § 119.

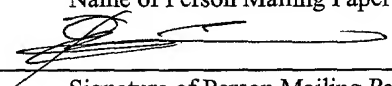
OC-101010.1

**CERTIFICATE OF MAILING**  
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

EL 607743857US  
Express Mail Label No.

January 11, 2002  
Date of Deposit

Emanuel Nicolas  
Name of Person Mailing Paper  
  
Signature of Person Mailing Paper

10044716-01.1.02

IV. THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:

☐ Applicant claims small entity status pursuant to 37 CFR § 1.27

<b>BASIC FILING FEE:</b>							\$740.00
Total Claims	64	-	20	=	44	x \$18.00	\$792.00
Independent Claims	5	-	3	=	2	x \$84.00	\$168.00
Multiple Dependent Claims	\$280	(if applicable)				<input type="checkbox"/>	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS</b>							\$1,700.00
Reduction by ½ for Filing by Small Entity, if applicable, as asserted above. Note 37 CFR §§ 1.9, 1.27, 1.28.							<input type="checkbox"/> \$0.00
Misc. Filing Fees (Recordation of Assignment -- \$40)							\$0.00
<b>TOTAL FEES DUE HERewith</b>							\$1,700.00

V. METHOD OF PAYMENT OF FEES

- ☐ A check in the amount of \_\_\_\_.
- ☒ Charge Lyon & Lyon's Deposit Account No. 12-2475 in the amount of \$1,700.00.
- ☐ This application is being filed without fee or Declaration under 37 CFR § 1.53.

VI. AUTHORIZATION TO CHARGE FEES

The Commissioner is authorized to credit any overpayment and to charge any underpayment to Lyon & Lyon's Deposit Account No. 12-2475 for the following:

- ☒ 37 CFR § 1.16 – (Filing fees and excess claims fees)
- ☐ 37 CFR § 1.17 – (Any application processing fees)
- ☐ 37 CFR § 1.21 – (Assignment recording fees)

VII. CORRESPONDENCE ADDRESS

Please send all correspondence to Customer Number 22249:



22249

PATENT TRADEMARK OFFICE

LYON & LYON LLP  
Suite 4700  
633 W. Fifth Street  
Los Angeles, CA 90071  
(213) 489-1600

Please direct all inquiries to Michael J. Wise, at the above customer number.

Respectfully submitted,

LYON & LYON LLP

Dated: January 11, 2002

By: 

Michael J. Wise  
Reg. No. 34,047

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

LANGENFELD, John

Serial No.: to be assigned

Filed: January 11, 2002

For: BONE MORPHOGENETIC  
PROTEIN-2 IN THE TREATMENT AND  
DIAGNOSIS OF CANCER

)  
) **Group Art Unit:** not yet assigned

)  
) **Examiner:** not yet assigned

SUBMISSION OF SEQUENCE LISTING

Box Sequence  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed are a computer readable copy and a paper copy of the Sequence Listing for the above-identified patent application. The contents of both the computer readable and the paper copies are the same and, where applicable, include no new matter, as required by 37 §§ CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

Respectfully submitted,  
LYON & LYON LLP

Dated: January 11, 2002

By: 

Michael J. Wise  
Reg. No. 34,047



22249

PATENT TRADEMARK OFFICE

LYON & LYON LLP  
633 W. Fifth Street, Suite 4700  
Los Angeles, CA 90071  
Ph: (213) 489-1600  
Fax: (213) 955-0440

LA-223410.1

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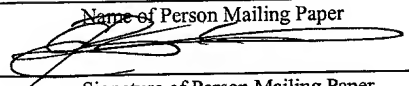
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